


## ANALYSIS

This ordinance repeals those provisions of Title 27 – Electrical Code of the Los Angeles County Code – that incorporate by reference portions of the 2016 California Electrical Code, and replaces them with provisions incorporating by reference portions of the 2019 California Electrical Code, published by the California Building Standards Commission. Unless deleted or modified herein, the previously enacted provisions of Title 27 continue in effect.

State law requires that the County's Electrical Code impose the same requirements as are contained in the building standards published in the most recent edition of the California Electrical Code except for changes or modifications deemed reasonably necessary by the County because of local climatic, geological, or topographical conditions. The changes and modifications to requirements contained in the building standards published in the 2019 California Electrical Code that are contained in this ordinance are based upon express findings, contained in the ordinance, that such changes are reasonably necessary due to local climatic, geological, or topographical conditions. This ordinance also makes certain modifications to the administrative provisions of Title 27.

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By   
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CBS:lm

Requested: 07/01/19  
Revised: 08/27/19

**ORDINANCE NO. \_\_\_\_\_**

An ordinance amending Title 27 – Electrical Code of the Los Angeles County Code – by adopting and incorporating by reference portions of the 2019 California Electrical Code with certain changes and modifications, and making other revisions thereto.

The Board of Supervisors of the County of Los Angeles ordains as follows:

**SECTION 1.** Sections 89.102 through 89.114 of Article 89, Article 90, Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, H, I, and J, which incorporate by reference and modify portions of the 2016 California Electrical Code, are hereby repealed.

**SECTION 2.** Section 80-1.5 is hereby amended to read as follows:

**Sec. 80-1.5. California Electrical Code (CEC) Adoption by Reference.**

Except as hereinafter changed or modified, Sections 89.102 through 89.114 of Article 89, Article 90, Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, H, I, and J of that certain Electrical Code known and designated as the ~~2016~~2019 California Electrical Code as published by the California Building Standards Commission are adopted and incorporated by reference into this Title 27 of the Los Angeles County Code, as if fully set forth below, as Sections 89.102 through 89.114 of Article 89, Article 90, Chapters 1 through 9, and Annexes A, B, C, D, E, F, G, H, ~~and I,~~ and J of Title 27 of the Los Angeles County Code.

A copy of the ~~2016~~2019 California Electrical Code, hereinafter referred to as the CEC, shall be at all times maintained by the Chief Electrical Inspector for use and examination by the public.

**SECTION 3.** Section 80-10 is hereby amended to read as follows:

**Sec. 80-10. Annual Review of Fees.**

The fees in this Code shall be reviewed annually by the Director of Public Works. Beginning on July 1, 1992, and thereafter on each succeeding July 1, the amount of each fee in this Code shall be adjusted as follows: Calculate the percentage movement between March of the previous year and March of the current year in the Consumer Price Index (CPI) for all urban consumers in the ~~Los Angeles, Anaheim and Riverside~~ Los Angeles-Long Beach-Anaheim, CA areas, as published by the United States Government Bureau of Labor Statistics, adjust each fee by said percentage amount and round off to the nearest ten (10) cents;~~provided;~~ however, no adjustment shall decrease any fee and no fee shall exceed the reasonable cost of providing services. When it is determined that the amount reasonably necessary to recover the cost of providing services is in excess of this adjustment, the Building Official may present fee proposals to the Board of Supervisors for approval.

**SECTION 4.** Section 82-2 is hereby amended to read as follows:

**Sec. 82-2. Time Limit.**

Every permit issued by the Building Official under the provisions of this Code shall expire by limitation and become null and void if the work authorized by such permit is not commenced within ~~180 days~~12 months from the date ~~of such permit is issued~~, or the work authorized by such permit is suspended or abandoned for a period of 180 days, or the permittee fails to obtain inspection as required by the provisions of Section 82-14 of this Code for a period of 180 days.

**EXCEPTION:** Permits issued to abate violation(s) in conjunction with a code enforcement action shall expire and become null and void at a date not to exceed (12) months from the date of issuance or other date determined by the Building Official.

The Chief ~~Electrical Inspector~~ Building Official may ~~extend~~ grant one or more extensions of the time for action by the permittee for a period not exceeding 180 days from the date of expiration upon written request ~~by~~ from the permittee and payment of a fee in an amount determined by the ~~Chief Electrical Inspector~~ Building Official, not to exceed 25 percent of the permit fee. ~~No permit shall be extended more than twice.~~

Once a permit, including any extension(s) thereof, has expired, the permittee shall file a new application as specified in Section 82-1.

**SECTION 5.** Section 82-8 is hereby amended to read as follows:

**Sec. 82-8. Fees.**

...

18. For inspection of electrical equipment for which no fee is herein set forth and for emergency inspections for the time consumed:

~~For the first 1/2 hour, or fraction thereof.....~~ \$ 63.40

~~Or, for each hour, or fraction thereof... ..~~ \$126.40

...

**SECTION 6.** Section 220.41 is hereby added to read as follows:

**Sec. 220.41. Energy Storage Readiness.**

For all new one and two family dwelling units, the service panels and/or sub panels shall have the capacity of an additional load not less than 5 Kva for every 2,000

square feet of living space, designated to accommodate future energy storage system(s). This load shall be considered continuous and demand factors shall not apply. Additionally, the service panels and/or sub panels shall have space(s) reserved/dedicated to permit installation of the branch circuit overcurrent protective device(s) for the energy storage system.

**SECTION 7.** The provisions of this ordinance contain various changes, modifications, and additions to the 2019 California Electrical Code. Some of these changes are administrative in nature in that they do not constitute changes or modifications to requirements contained in the building standards published in the California Electrical Code.

Pursuant to California Health and Safety Code sections 17958.5, 17958.7, and 18941.5, the Board of Supervisors hereby expressly finds that all of the changes and modifications to requirements contained in the building standards published in the California Building Standards Code contained in this ordinance that are not administrative in nature are reasonably necessary because of local climatic, geological, or topographical conditions in the County of Los Angeles, as more particularly described in the table set forth below.

**TABLE**

<b>ELECTRICAL CODE AMENDMENTS</b>		
<b>CODE SECTION</b>	<b>CONDITION</b>	<b>EXPLANATION</b>
220.41	Climatic	The County of Los Angeles is a densely populated area with varying and occasionally immoderate temperatures and weather conditions. This creates the need for highly efficient buildings to reduce demand on the electrical grid and, in turn, reduce the use of fossil fuels and improve air quality. The proposed amendment will provide a cost-effective means for homeowners to increase energy savings and reduce the demand on the electrical grid by requiring the installation of an energy storage system for current or future use with minimal need for additional construction and modification of the existing electrical system.

**SECTION 8.** This ordinance shall become operative on January 1, 2020.

[TITLE27BUILDINGCODE2019CSCC]